

PATENT

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

Applicant(s):	Buer et al.	Atty Docket No.:	36956.1000/ USM0010-PV
Serial No.:	NYA	Group Art Unit:	NYA
Filed:	January 29, 2002	Examiner:	NYA
TITLE:	HIGH POWER BLOCK UPCONVERTER		

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled HIGH POWER BLOCK UPCONVERTER, the specification of which:

☒ [ X ] is attached hereto.  
☐ [ ] was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and  
was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

			Priority Not Claimed
None			[ ]
Number	Country	Filing Date	
Number	Country	Filing Date	[ ]

EXPRESS MAIL NO.: EL626415939US

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/264,8021/29/01

Application Number

Filing Date

Application NumberFiling Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

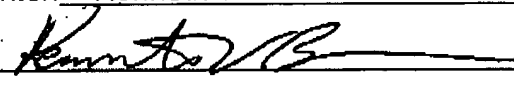
None

Application Serial No.

Filing Date

Status — Patent, Pending,  
AbandonedApplication Serial No.Filing dateStatus — Patent, Pending,  
Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Kenneth V. BuerInventor's signature: Date: 1/29/02Residence: 1297 E. Eli CtMesa, Arizona 85296

City/State

Citizenship: U.S.Post Office Address: 1297 E. Eli CtZip Code: 85296

EXPRESS MAIL NO.: EL626415939US

Full name of second inventor: Richard S. TorkingtonInventor's signature: Richard S. TorkingtonDate: 1/29/2002Residence: 5447 East Capri Ave.Mesa, Arizona 85206

City/State

Citizenship: U.S.Post Office Address: 5447 East Capri Ave.Zip Code: 85206Full name of third inventor: Edwin Jack StanfieldInventor's signature: Edwin Jack StanfieldDate: JAN 29 02Residence: 19440 Via De OlivosQueen Creek, Arizona 85242

City/State

Citizenship: U.S.Post Office Address: 19440 Via De OlivosZip Code: 85242

EXPRESS MAIL NO.: EL626415939

Applicant(s): Buer et al. Atty Docket No.: 36956.1000/US  
M0010  
Serial No.: TBA Examiner: TBA  
Filed: January 29, 2002 Group Art Unit: TBA  
TITLE: HIGH POWERED BLOCK CONVERTER

**POWER OF ATTORNEY BY ASSIGNEE AND  
CERTIFICATE UNDER 37 CFR 3.73(b)**

David W. Corman, of U.S. MONOLITHICS, L.L.C., of Chandler, Arizona, hereby certifies that, to the best of his or her knowledge and belief, the entire right, title, and interest in the above-captioned United States patent application is in Assignee, U.S. MONOLITHICS, L.L.C.

Ownership of the above-identified patent application is established by virtue of the following documentary evidence that has been reviewed by the undersigned:

An assignment from the inventor(s) of the patent application identified above was recorded in the Assignment Division at Reel No. 011492, Frame No. 0966 on January 26, 2001.

U.S. MONOLITHICS, L.L.C., the Assignee of the entire right, title, and interest in and to the above-captioned United States patent application and all inventions disclosed and claimed therein, hereby appoints as its attorneys to prosecute the above-captioned United States patent application and to transact all business in the United States Patent and Trademark Office connected therewith and with the resulting patent, individually and collectively:

**SNELL & WILMER L.L.P.**  
One Arizona Center  
400 East Van Buren  
Phoenix, Arizona 85004-0001  
Tel. (602) 382-6000  
Fax (602) 382-6070;

and the registered attorneys associated with Snell & Wilmer's Customer Number 020322.

Please send all further correspondence to Snell & Wilmer L.L.P. at the above address.

By: David W. Corman  
Title: President  
Date: 1-29-02

## ASSIGNMENT UTILITY PATENT

**WHEREAS**, the undersigned inventors (hereinafter "ASSIGNORS") of the address indicated below, have invented subject matter disclosed in the United States patent application entitled: UPCONVERTER AND TRANSMIT CHAIN, filed herewith;

**AND WHEREAS**, U.S. MONOLITHICS, L.L.C. (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Arizona, having its principal place of business and mailing address at 325 East Elliot Road, Suite 30, Chandler, Arizona 85225 is desirous of acquiring an interest therein;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS by these presents do sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

**AND HEREBY AGREES** to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

**AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**EXECUTED** as of the date(s) written below by ASSIGNORS:

First inventor: Kenneth V. Buer

Signature: *Kenneth V. Buer*

Date: 1/25/01

Residence address: 1297 E 6th CT Gilbert AZ 85296

Second inventor: Richard S. Torkington

Signature: *Richard S. Torkington*

Date: 1/25/01

Residence address: 5447 EAST CAPRI AVE, MESA, AZ 85206

Third inventor: Edwin Jack Stanfield

Signature: *Edwin J. Stanfield*

Date: 1/25/01

Residence address: 19440 VIA DE OLIVOS QUEEN CREEK AZ 85242

02-09-2001

FORM PTO-1619A

Expires 06/30/99  
OMB 0651-0027U.S. Department of Commerce  
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PATENT

101609850

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1c714 U.S. PTO  
60/264802

01/29/01

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## Conveying Party(ies)



Mark if additional names of conveying parties attached

Name (line 1)

Kenneth V. Buer

Execution Date  
Month Day Year

1 25 2001

## Second Party

Name (line 1)

Richard S. Torkington

Execution Date  
Month Day Year

1 25 2001

Name (line 2)

60/264802

## Receiving Party



Mark if additional names of receiving parties attached

Name (line 1)

U.S. MONOLITHICS, L.L.C.

Name (line 2)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Address (line 1)

325 East Elliot Road, Suite 30

Address (line 2)

Address (line 3)

Chandler

Arizona

85225

City

State/Country

Zip Code

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## PATENT

## Correspondent Name and Address

Area Code and Telephone Number

(602) 382-6275

Michelle R. Orth

Address (line 1)

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Address (line 2)

One Arizona Center

Address (line 3)

400 East Van Buren

Address (line 4)

Phoenix, Arizona 85004-2202

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## Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

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## Patent Cooperation Treaty (PCT)

Enter PCT application number  
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## Number of Properties

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Authorization to charge additional fees:

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## Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document. Charges to deposit account are authorized, as  
indicated herein.

Michelle R. Orth, Reg. No. 43,844  
Name of Person Signing  
Signature

1-29-01

Date

RECORDATION FORM COVER SHEET  
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U.S. Department of Commerce  
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**PATENT**

U.S. PATENT  
60/264802  
01/29/01

Conveying Party(ies) ☒ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) **Edwin Jack Stanfield**

Name (line 2)

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

1 25 2001

Execution Date  
Month Day Year

Execution Date  
Month Day Year

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

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Patent Application Number(s)

Patent Number(s)




36956  
1050



**UNITED STATES DEPARTMENT OF COMMERCE  
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APRIL 19, 2001

PTAS



\*101609850A\*

SNELL & WILMER, L.L.P.  
MICHELLE R. ORTH  
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PHOENIX, ARIZONA 85004-2202

**UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 01/29/2001

REEL/FRAME: 011492/0966  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BUER, KENNETH V.

DOC DATE: 01/25/2001

ASSIGNOR:  
TORKINGTON, RICHARD S.

DOC DATE: 01/25/2001

ASSIGNOR:  
STANFIELD, EDWIN JACK

DOC DATE: 01/25/2001

ASSIGNEE:  
U.S. MONOLITHICS, L.L.C.  
325 EAST ELLIOT ROAD, SUITE 30  
CHANDLER, ARIZONA 85225

SERIAL NUMBER: 60264802  
PATENT NUMBER:

FILING DATE: 01/29/2001  
ISSUE DATE:

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**SNELL & WILMER, LLP**

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